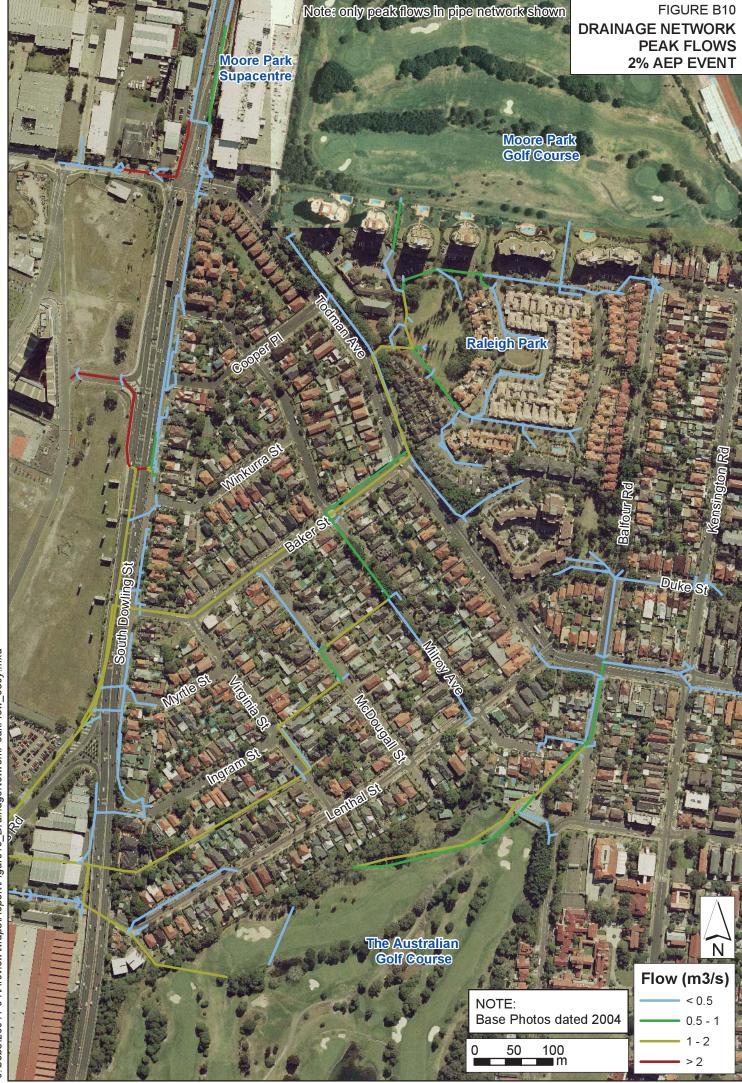


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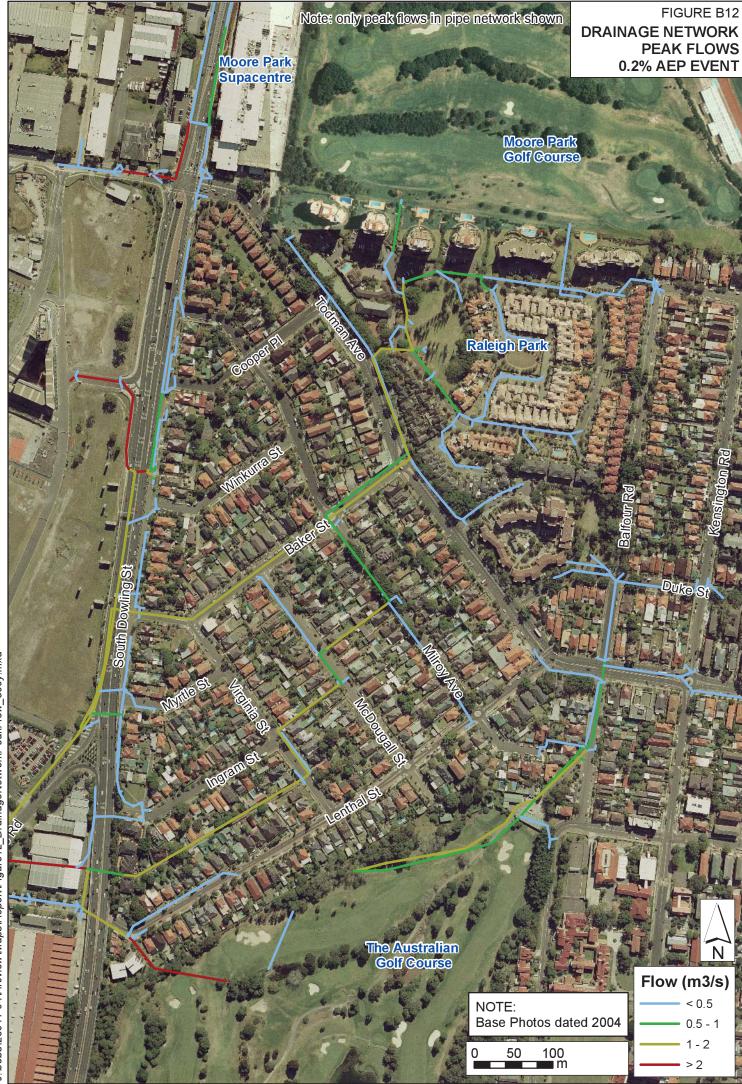
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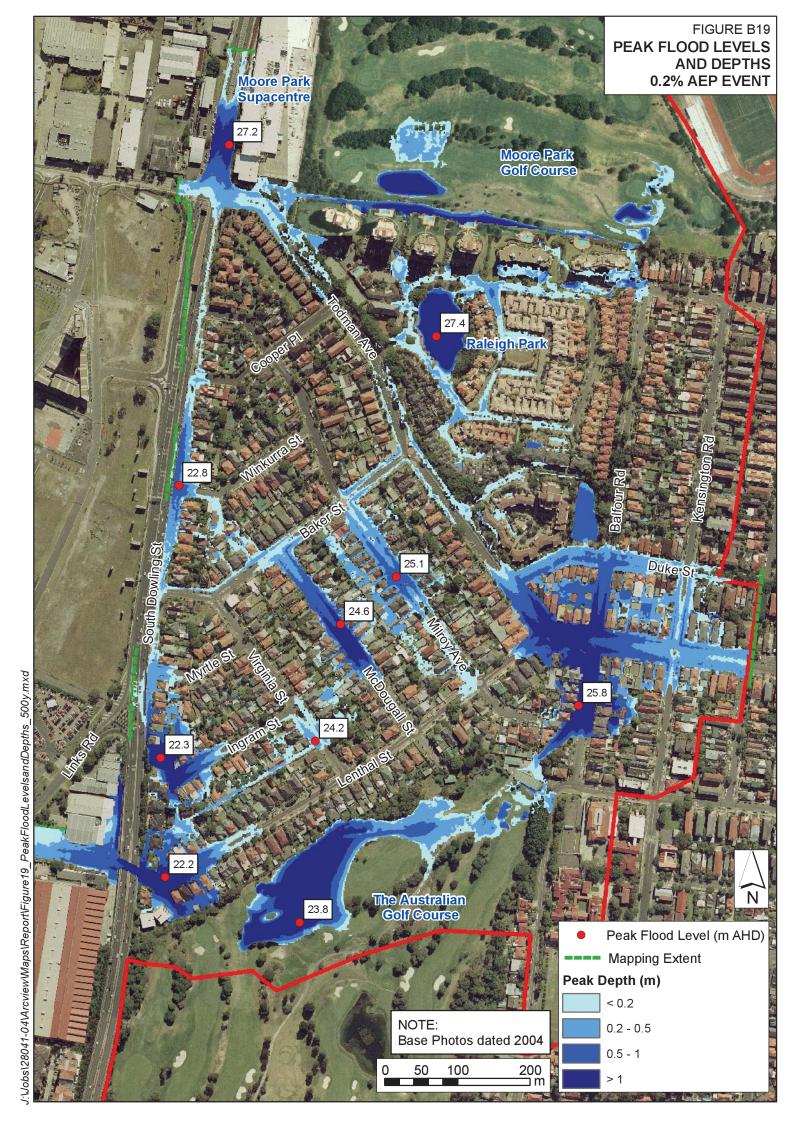


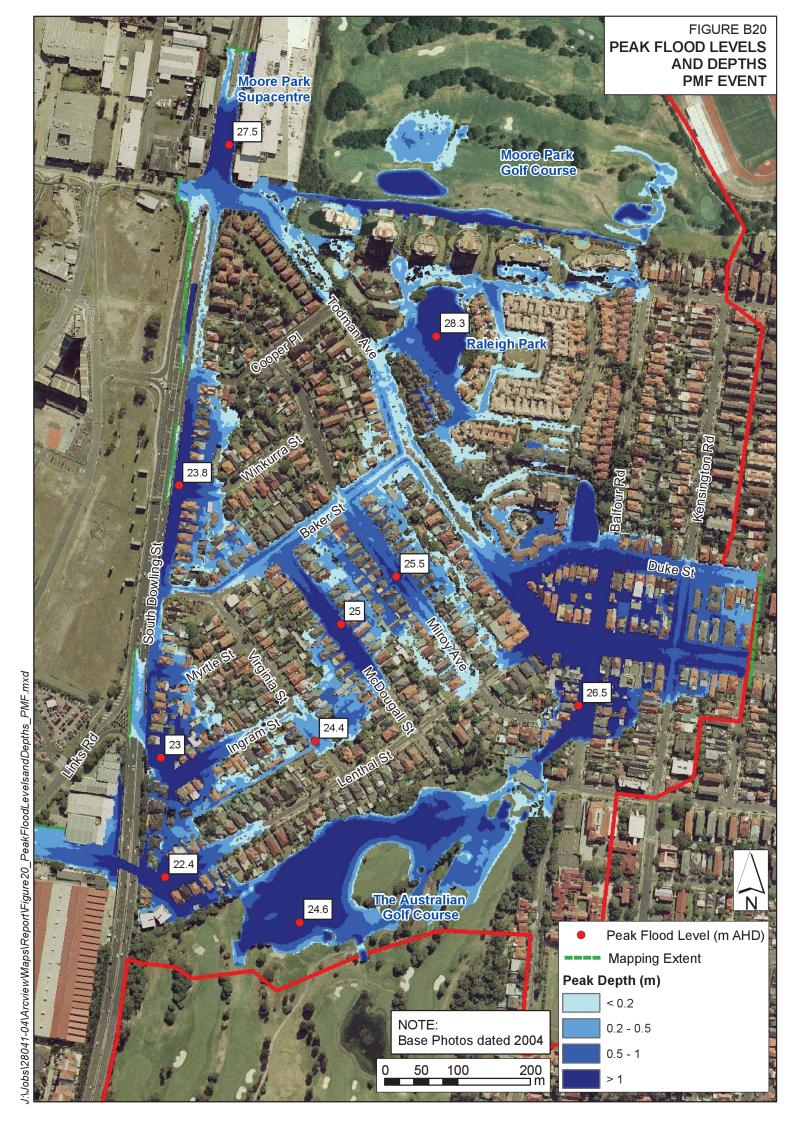




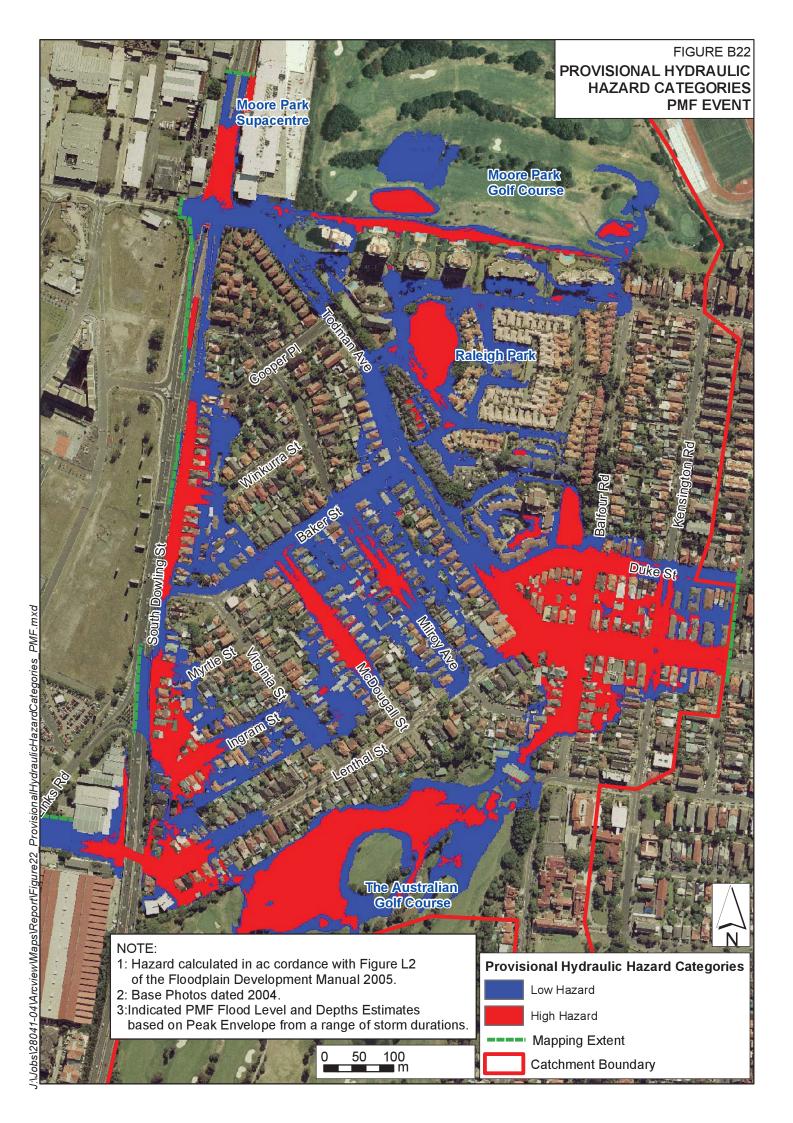
















APPENDIX C:

CITY OF SYDNEY FLOOD PLANNING LEVELS

Flood Planning Levels – Green Square Area DCP

Item	Flood Planning Level		
Residential Properties			
Habitable Room Floor Level:			
• inundated by mainstream flooding,	1% AEP + 0.5 m		
 inundated by local drainage flooding, 	1% AEP \pm 0.5 m or if the depth of flow in the 1% AEP is <0.25 m then 2 x the depth of flow with a minimum of 0.3 m above the surrounding surface.		
all other properties.	0.3 m above surrounding ground		
Non-Habitable Floor Level such as a garage (excluding underground garages) or laundry for which development approval is required):			
 inundated by mainstream or local drainage flooding. 	1% AEP		
Underground Garage or Car Park			
For this purpose an underground garage or car park is where the floor of the car park is more than 1 m below the surrounding natural ground.			
Single property owner with not more than 2 car spaces:			
 inundated by mainstream or local overland flooding, 	1% AEP + 0.5 m		
car park outside floodplain.	0.3 m above the surrounding surface		
All others:			
inundated by mainstream or local	1% AEP + 0.5 m (as a minimum) or a level that		

inundated by mainstream or local

overland flooding,

is determined based on a review of the PMF, whichever is the higher. 0.3 m above the surrounding surface

car park outside floodplain.

Industrial/Commercial Properties

It is assumed that all properties will be advised of the flood risk, either from existing studies or investigations by the proponent.

· floor level of a small business,

• floor level of a large business, merits approach presented by the applicant floor level of schools and child care merits approach presented by the applicant facilities,

1% AEP + 0.5 m

· housing for older people or people with disabilities,

· residential floors within tourist

1% AEP + 0.5 m (as a minimum) or a level that is determined based on a review of the PMF, whichever is the higher.

· above ground car park. 1% AEP

Critical Facilities

establishments,

These include: hospitals and ancillary service; communication centres; police, fire and SES stations; major transport facilities, sewerage and electricity plants; any installations containing infrastructure control equipment, any operational centres for use in a flood.

1% AEP + 0.5 m (as a minimum) or a level that · floor level.

is determined based on a review of the PMF,

whichever is the higher.

1% AEP + 0.5 m (as a minimum) or a level that · access to and from. is determined based on a review of the PMF,

whichever is the higher.

Note: The Flood Planning Level (FPL) refers to the minimum building floor levels. For underground parking or other forms of underground development, the FPL refers to the minimum level at each access point. The higher of any FPL shall prevail.

Source: South Sydney Development Control Plan 1997: Urban Design - Part G: Special Precinct No.9 Green Square



RANDWICK CITY COUNCIL: PROPOSED FLOOD PLANNING LEVELS

Item		Flood Planning Level	
Resid	Residential Properties		
Habitable Floor Level			
•	Inundated by mainstream flooding	1% AEP + 0.5m freeboard	
•	Inundated by local drainage	1% AEP + 0.5m freeboard or if the depth	
	flooding	of flow in the 1% AEP is less than or	
		equal to 0.25m then 2 x the depth of flow	
		with a minimum of 0.3m above the	
		surrounding surface	
•	All other properties	0.3m above surrounding ground	
Non habitable floor levels, such as laundry or shed but excluding garages, with a			
total fl	oor area less than 10m².		
•	Inundated by main stream or local	1% AEP but not less than 0.15m above	
	drainage flooding	surrounding ground level	
Open car parking, car ports and garages, excluding underground garage or car			
park			
•	Open car parking spaces and car ports	5% AEP flood	
•	Enclosed residential parking for	1% AEP but not less than 0.15m above	
	up to two spaces	surrounding ground level	
•	Enclosed residential parking with	Applicable residential habitable floor level	
	more than two spaces	requirement	
•	Enclosed Industrial/Commercial	Applicable industrial/commercial floor	
	parking spaces	level requirement	
	ground garage or car park		
For this purpose an underground garage or car park is where the floor of the car park			
is mor	e than 0.8m below the surrounding n	-	
•		All openings to be sealed up to 1% AEP	
	drainage flooding	+ 0.5m freeboard with a minimum of	
		0.3m above the surrounding surface	
•	All others areas	All openings to be sealed up to 0.3m	
	All amageness avaita	above the surrounding surface	
•	All emergency exits	All underground garages and car parks	
		to have emergency exits protected from	
		inundation up to the 1% AEP flood plus 0.7m freeboard with a minimum of 0.2m	
Indus	trial/commercial properties	freeboard from vehicle entry point.	
Habitable floor level			
This includes floor levels such as; office space, show rooms, child care facilities,			
residential floor levels for hotels and tourist establishments			
Inundated by mainstream flooding 1% AEP + 0.5m freeboard			
•	Inundated by local drainage	1% AEP + 0.5m freeboard or if the depth	
	mandated by local drainage	1707 TEL - 0.5/11 Hooboard of It the depth	



flooding	of flow in the 1% AEP is less than or	
nocaring	equal to 0.25m then 2 x the depth of flow	
	with a minimum of 0.3m above the	
	surrounding surface	
All other properties	0.3m above surrounding ground	
Non habitable floor level		
Inundated by main stream or local	1% AEP but not less than 0.15m above	
drainage flooding	surrounding ground level	
All other properties	0.15m above surrounding ground	
Critical facilities		
These include; hospitals, police, fire, ambulance, SES stations, major transport		
facilities, major sewage or water supply or electricity or telecommunication plants,		
schools, nursing homes and retirement villages.		
Floor level mainstream flooding	PMF + 0.5m freeboard	
Floor level local drainage flooding	PMF + 0.5m freeboard or if the depth of	
	flow in the PMF is less than or equal to	
	0.25m then 2 x the depth of flow with a	
	minimum of 0.3m above the surrounding	
	surface	
Floor level all other locations	0.3m above surrounding surface	
Site access	1% AEP + 0.5m freeboard or PMF,	
	whichever is higher	
Material storage location		
Materials sensitive to flood	1% AEP + 0.5m freeboard	
damage		
Materials which may cause	% AEP + 0.5m freeboard	
pollution or be potentially		
hazardous during flooding		
Note: The flood planning level refers to the minimum required building floor levels.		
For underground car parking or other forms of underground development, the flood		

Note: The flood planning level refers to the minimum required building floor levels. For underground car parking or other forms of underground development, the flood planning level refers to minimum level at each access point.